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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/066,691	02/06/2002	Masahiko Murakami	1086.1032D	5614

21171 7590 03/22/2007  
STAAS & HALSEY LLP  
SUITE 700  
1201 NEW YORK AVENUE, N.W.  
WASHINGTON, DC 20005

EXAMINER
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REILLY, SEAN M

ART UNIT	PAPER NUMBER
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2153

SHORTENED STATUTORY PERIOD OF RESPONSE	MAIL DATE	DELIVERY MODE
3 MONTHS	03/22/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

If NO period for reply is specified above, the maximum statutory period will apply and will expire 6 MONTHS from the mailing date of this communication.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/066,691	MURAKAMI ET AL.	
	Examiner	Art Unit	
	Sean Reilly	2153	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 28 December 2006.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 3-9, 12-20, 23-31, 43, 45 and 46 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 3-9, 12-20, 23-31, 43, and 45-46 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)          | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____                                      |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)          | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____  | 6) <input type="checkbox"/> Other: _____                          |

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### DETAILED ACTION

This Office action is in response to Applicant's amendment and request for reconsideration filed on December 28, 2006. Claims 3-9, 12-20, 23-31, 43, and 45-46 are presented for further examination.

#### *Response to Arguments*

Applicant's amendments have overcome all outstanding 112 2<sup>nd</sup> ¶ rejections however, upon further review the claims are no longer deemed allowable. A new grounds of rejection is set forth below.

#### *Claim Rejections - 35 USC § 103*

The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

*(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.*

Claims 3, 12, 23, 45, and 46 are rejected under 35 U.S.C. 103(a) as being unpatentable over mIRC v3.7 and further in view of IBM TDB "Information Skimmer Utility" (v.36 no.08 August 1993) and Kaufman (U.S. Patent Number 5,903,870).

With regard to claims 3, 12, 23, 45, and 46, mIRC v3.7 is a chat program that is run on a terminal device with a display (a computer) for conversations in form of characters among terminal devices connected by a network (IRC network). The mIRC program is capable of

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instructing the processor of the terminal device to perform the operation of: when a URL is included in the conversations displayed in the display screen, extracting and storing the URL and listing the extracted URL (when URL catcher is enabled - See the "URL Options" printout from mIRC v3.7 help file).

mIRC v3.7 does not catch keyword in the conversation. However the IBM TDB discloses operation to improve the user ability to scan for information by emphasizing matched keywords defined by the user. (see page the IBM TDB page 117). Given the disclosure of the IBM TDB, it would have been obvious for one of ordinary skill in the art to also provide keyword capture because it would have enabled the user to quickly skim the chat session for interested conversations.

mIRC v3.7 also does not return to the display of a conversation when a keyword is received while the conversation is not displayed. Nonetheless it was widely known in the art at the time of Applicant's to bring focus to a window when a particular keyword is detected, as evidenced by Kaufman. In an analogous system, disclosed detecting a keyword command and then turning focus of the system to the specified window (Col 4, lines 31-39 and Columns 5 and 6 where various command discuss changing the focus based on a keyword command. Thus, it would have been obvious to one of ordinary skill in the art at the time of Applicant's invention to modify mIRC's system to return to the display of a conversation when a keyword is received while the conversation is not displayed, in order to quickly alert the user to the presence of the keyword. Timely notice of a keyword in a chat room is imperative since conversations occur in real-time.

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**Claims 4-9, 13-20, and 24-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over mIRC v3.7 and Kaufman and further in view of Rose et al. US patent 5,838,323.**

As per claims 4-9, 13-20, and 24-31, mIRC v3.7 does not store statements positioned a specific number of lines before and after the URL or keyword. In similar field of information presentation, Rose teaches that users are facing with vast amount of digital information. Rose teaches to display to a user a summary comprising of certain number of lines in a document so that the user can quickly review if information is of interest (col.1 lines 35-42, col.2 lines 17-25). Given the teaching of Rose, it would have been obvious for one of ordinary skill in the art to save the URL or keyword together with certain number of statements before and after the URL or keyword and display the URL or keyword together with the statements because it would have provided context information for enabling the user to quickly review whether the URL or keyword portion of the conversation is of interest to the user. Furthermore it would have been obvious for one of ordinary skill in the art to store the extracted URL or keyword and associated statements in a database or some other storage because it would have enabled the user to query or reference previous conversations of interest at a later time.

***Allowable Subject Matter***

Regarding claim 43, the prior art does not teach nor reasonably suggest a chat display screen with plural regions for displaying conversations associated with a main channel and other chat channels; and a upon detection of a pre-specified name of a chat participant in a

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conversation, displaying the content of the conversation including the detected name in the region of the screen for the main channel.


### *Conclusion*

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sean Reilly whose telephone number is 571-272-4228. The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Glen Burgess can be reached on 571-272-3949. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

  
March 19, 2007

  
WILLIAM VAUGHN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100